

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 06-125365

(43)Date of publication of application : 06.05.1994

(51)Int.Cl. H04L 13/08

G06F 13/36

G06F 15/16

H04L 12/40

(21)Application number : 05-160915

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(22)Date of filing : 30.06.1993

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(30)Priority

Priority number : 04172325

Priority date : 30.06.1992

Priority country : JP

04230915

31.08.1992

JP

(54) COMMUNICATION CONTROLLER

(57)Abstract:

PURPOSE: To obtain a method executing data transmission/reception processing at a high speed especially with respect to the communication controller.

CONSTITUTION: A communication program 22 and a protocol buffer managing it, and a communication controller 4 controlling a transmission line 3 and a network buffer managing it are provided, the protocol buffer and the communication buffer are shared in common and frame data from the transmission line 3 are directly written in and read from the communication buffer shared in common. Since the buffer is shared in common between the transmission line and the protocol, no excess data movement takes place and the entire throughput of the communication system is enhanced.



